

FORM PTO-1449/A and B (Modified)

# INFORMATION DISCLOSURE STATEMENT BY APPLICANT

APPLICATION NO.: Not yet assigned

DOCKET NO.: K0181.70018US00

INT'L. FILING DATE: 08/20/03

Confirmation No.: ---

APPLICANT: GREEN, et al.

GROUP ART UNIT: Unknown

EXAMINER: Unknown

Sheet 1 of 2

## U.S. PATENT DOCUMENTS

Examiner's Initials#	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication or of issue of Cited Document MM-DD-YYYY
		Number	Kind Code		
/CMK/	A1	3,881,941	B1	Kemohan, John A.	05-06-1975

## FOREIGN PATENT DOCUMENTS

Examiner's Initials#	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document (not necessary)	Date of Publication of Cited Document MM-DD-YYYY	Translation (Y/N)
		Office/ Country	Number	Kind Code			
/CMK/	B1	EP	0 363 977	A	EASTMAN KODAK CO.	04-18-1990	
/CMK/	B2	SU	1 506 819	A	USSR URALS CHEM INST	04-20-1997	Y (abstract)

## OTHER ART — NON PATENT LITERATURE DOCUMENTS

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)	
/CMK/	C1	WANG, J., et al. "Luminescence properties of LB films based on heteropolytungstate of rare earth," Materials Science & Engineering B., Vol. 97, No. 1, pgs. 83-86 (2003)		
	C2	WANG, J., et al., "Langmuir-Blodgett films based on europium-substituted heteropolytungstate and their luminescence properties," Journal of Luminescence, Vol. 101, No. 1-2, pgs. 63-70 (2003)		
	C3	WANG, J., et al., "Luminescent self-assembled thin films based on rare earth-heteropolytungstate," Materials Letters, Vol. 57, No. 5-6, pgs. 1210-1214 (2003)		
	C4	WANG, J., et al., "Study on highly ordered luminescent Langmuir-Blodgett films of heteropolytungstate complexes containing lanthanide," Thin Solid Films, Vol. 415, No. 1-2, pgs. 242-247 (2002)		
	C5	WANG, J., et al., "Effective energy transfer and luminescence of LB films based on europium- substituted heteropolytungstate," Thin Solid Films, Vol. 414, No. 2, pgs. 256-261 (2002)		
	C6	KUBOTA S., et al., "Luminescence properties of Gd <sub>1-x</sub> Bi <sub>x</sub> Ta <sub>7</sub> O <sub>19</sub> (0<x≤1)," Journal of Alloys and Compounds, Vol. 281, No. 2, pgs. 181-185 (1998)		
	C7	KUBOTA S., et al., "Luminescence properties of rare earth ions in polytantalate," Journal of Alloys and Compounds, Vol. 275-277, pgs. 746-749 (1998)		
↓	C8	FORMAN R A, et al, "Optical spectroscopy of some chromium heteropolymolybdate salts," Database accession no. 570294 ABSTRACT; 11 <sup>th</sup> European Congress on Molecular Spectroscopy (ABSTRACT ONLY RECEIVED), TALLINN, USSR, 1972	Y (abstract)	
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FORM PTO-1449/A and B (Modified)  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>		APPLICATION NO.: Not yet assigned		DOCKET NO.: K0181.70018US00	
		FILING DATE: Herewith (02/18/2005)		Confirmation No.: ---	
		APPLICANT: GREEN et al.			
		GROUP ART UNIT: Unknown		EXAMINER: Unknown	
Sheet	2	of	2		

Examiner's Initials	Cite No	Include name of the author (in CAPITAL LETTERS) title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, relevant page(s), volume-issue number(s), publisher, city and/or country where published.	Translation (Y/N)
/CMK/	C10	XU L., et al., "Preparation, characterization and luminescence properties of ultrathin films containing polyoxometalates," Materials Letters, Vol. 54, No. 5-6, pgs. 452-457 (2002)	
	C11	LIS S., et al. "Spectroscopic studies of Eu(III) and Nd(III) complexes with several polyoxometalates," Journal of Alloys and Compounds, Vol. 300-301, pgs. 370-376 (2000)	
	C12	LIS S., "Applications of spectroscopic methods in studies of polyoxometalates and their complexes with lanthanide (III) ions," Journal of Alloys and Compounds, Vol. 300-301, pgs. 88-94 (2000)	
	C13	ANTONIO M R, et al., "Coordination and valence of europium in [Eu(alpha-2-As <sub>2</sub> W <sub>17</sub> O <sub>61</sub> ) <sub>2</sub> ] <sup>17-</sup> and [Eu(W <sub>5</sub> O <sub>18</sub> ) <sub>2</sub> ] <sup>9-</sup> ," Journal of Alloys and Compounds, Vol. 275-277, pgs. 827-830 (1998)	
	C14	YAMASE T., et al., "Electroluminescence cell based on polyoxometalates: Pulsed electric field-induced luminescence of decatungstoeuropate dispersion layers," Journal of the Electrochemical Society, Vol. 140, No. 8, pgs. 2378-2384 (1993)	
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/CMK/	C16	LIN, Xu, et al., "Preparation and characterization of photoluminescent ultrathin films based on polyoxometalates," Database accession no. 7485574 (ABSTRACT ONLY RECEIVED); Mater. Chem. Phys Vol. 77, pgs. 484-488, (2003)	

EXAMINER /C. Melissa Koslow/	DATE CONSIDERED 12/10/2007
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#EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

\* a copy of this reference is not provided as it was previously cited by or submitted to the office in a prior application, Serial No., filed , and relied upon for an earlier filing date under 35 U.S.C. 120 (continuation, continuation-in-part, and divisional applications).

[NOTE - The Office has waived the requirement under 37 CFR 1.98 (a)(2)(i) for submitting a copy of each cited U.S. patent and each U.S. patent application publication for all U.S. national patent applications.]

Substitute for Form 1449 A &amp; B/PTO

**INFORMATION DISCLOSURE  
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

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of

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Cite if Known

Application Number	10/524,976
Confirmation Number	5846
Filing Date	February 18, 2005
First Named Inventor	Mark GREEN et al
Art Unit	0000
Examiner Name	Unassigned
Attorney Docket Number	Q-88621

**U.S. PATENT DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Document Number		Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document
		Number	Kind Code <sup>2</sup> (if known)		
/CMK/		US 4,634,502		01/06/1987	Callahan et al

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Examiner Initials*	Cite No. <sup>1</sup>	Foreign Patent Document			Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Translation <sup>6</sup>
		Country Code <sup>3</sup>	Number <sup>4</sup>	Kind Code <sup>5</sup> (if known)			
/CMK/		JP	4189891		07/08/1992	Konishiroku Photo Ind.	Abstract
/CMK/		JP	4189892		07/08/1992	Konica Corp	Abstract
/CMK/		EP	0390365		03/14/1990	Johnson Matthey Public Limited Co.	

**NON PATENT LITERATURE DOCUMENTS**

Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city, and/or country where published.	Translation <sup>6</sup>
		Battardini et al, <i>Inorganic Chimica Acta</i> , 95:323-327 (1984)	
		Battardini et al, <i>Inorganic Chimica Acta</i> , 23:500-505 (1984)	
		Blasse et al, <i>J. Inorg. Nuc. Chem.</i> , 43(11):2847-2853 (1981)	
		Brasse et al, <i>Chemical Physics Letters</i> , 83(3):449-451 (1981)	
		Cadot et al, <i>Inorg. Chem.</i> , 35(11):3099-3106 (1996)	
		Cadot et al, <i>Inorg. Chem.</i> , 31(20):4128-4133 (1992)	
		Judd et al, <i>J. of the Amer. Chem. Soc.</i> , 123(5):886-897 (2001)	
		Lis et al, <i>Rare Earths '98</i> , 315-3:431-438 (1999)	

Examiner Signature

/C. Melissa Koslow/

Date Considered

12/10/2007

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